

# PREVALENCE OF SARS-COV-2 INFECTION AMONG OBSTETRIC PATIENTS



## WHY

There is limited information on the prevalence of SARS-CoV-2 infection in obstetric settings in Canada, beyond the first wave of the COVID-19 pandemic



## OBJECTIVE

To describe the prevalence of SARS-CoV-2 infection in pregnant people in Ottawa



## STUDY DESIGN

Prospective cohort  
Descriptive study



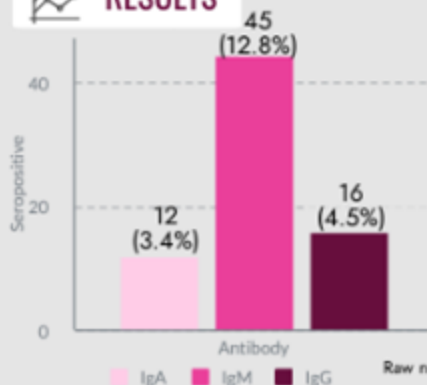
## POPULATION & SETTING

Location(s): The Ottawa Hospital  
Date(s): Oct. 19 - Nov. 27, 2020

N = 363/632 eligible participants enrolled (57.4%)  
N = 284 swabs, 352 blood samples



## RESULTS



## SUMMARY

During the 2nd COVID-19 infections, among the obstetric patients there was

**0.7%**

Prevalence of active SARS-CoV-2 infection

**4.5%**

Seroprevalence of IgG antibodies to SARS-CoV-2



## NEXT STEPS

The low participation rate highlights opportunities to improve patient education and public health messaging about the benefits of testing programs.

# PSYCHOLOGICAL IMPACT OF COVID-19 PANDEMIC AND A SARS-COV-2 TESTING PROGRAMME



## WHY

Due to the novelty of SARS-CoV-2, there has been a surge of research conducted during the pandemic, and the impact this has on participants and hospital staff has not been well explored.



## OBJECTIVE

To describe the psychological impact of the COVID-19 pandemic and the impact of a universal SARS-CoV-2 testing programme on obstetric patients and obstetric healthcare workers



## STUDY DESIGN

Survey  
Descriptive study



## POPULATION & SETTING

Location(s): The Ottawa Hospital (TOH)  
Date(s): April - Sept. 2021

N = 143 patients

N = 94 healthcare workers



## RESULTS

Among healthcare workers:



Job satisfaction



Job stress



## SUMMARY

COVID-19 has had a **negative psychological impact** on patients & healthcare workers. Universal SARS-CoV-2 **testing** was generally viewed favourably.

## Worries among patients about COVID-19 infection:



## NEXT STEPS

Testing may serve as an **effective strategy** for estimating COVID-19 prevalence **without adding undue stress** onto patients and healthcare workers.

